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GOVERNOR



JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

CERTIFIED MAIL
7017 1450 0000 9421 5813

March 22, 2019

Salyer Heights Water Supply, Inc.
P.O. Box 156
Salyer, CA 95563

Attn: Karen Johnson, Board President

CITATION NO. 01_01_19C_006 FOR FAILURE TO COMPLY WITH COMBINED FILTER EFFLUENT TURBIDITY PERFORMANCE STANDARDS AND TURBIDITY MONITORING REQUIREMENTS, SALYER HEIGHTS WATER SUPPLY, INC., PWS# 5304502.

Enclosed is a citation issued to the Salyer Heights Water Supply, Inc. public water system for failure to comply with filter effluent turbidity performance standards and turbidity monitoring requirements. The citation specifies actions to be taken by Salyer Heights Water Supply, Inc. to achieve compliance and avoid future civil penalties.

Section 116577 of the California Safe Drinking Water Act provides for our department to be reimbursed by the public water system for costs incurred for preparing and issuing an enforcement action to that system. Therefore, your water system will be billed for the preparation and issuance of this order. Our costs are approximately \$163 per hour. At this time we have spent approximately one hour on enforcement activities associated with this violation. You will receive a bill for these costs, following the end of the State's fiscal year, from our Fee Branch in Sacramento.

Any person who is aggrieved by an order or decision issued by the deputy director of the Division of Drinking Water under Article 8 (commencing with Health and Safety Code section 116625) or Article 9 (commencing with Health and Safety Code section 116650), of the Safe Drinking Water Act (Chapter 4, Part 12, Division 104, of the Health and Safety Code) may file a petition with the State Water Board for reconsideration of the order or decision. Appendix 1 to the enclosed citation contains the relevant statutory provisions for filing a petition for reconsideration (Health and Safety Code section 116701).

Petitions must be received by the State Board within 30 days of the issuance of the order or decision by the Deputy Director. The date of issuance is the date when the Division of Drinking Water mails a copy of the order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m.

Information regarding filing petitions may be found at:

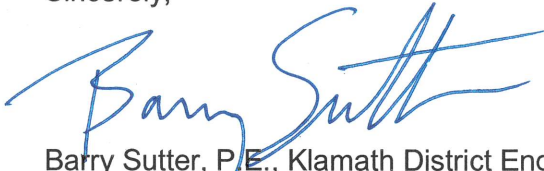
http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

464 W. 4th Street, #437, San Bernardino, CA 92401 | www.waterboards.ca.gov

If you have any questions regarding this matter, please contact Ian McFadden at (530) 224-4868 or me at (530) 224-4875.

Sincerely,



Barry Sutter, P.E., Klamath District Engineer
Division of Drinking Water
State Water Resources Control Board

Enclosures

cc Richard L. Hinrichs, Chief, DDW, Northern California Section, Redding
Trinity County Division of Environmental Health

1 **STATE OF CALIFORNIA**
2 **STATE WATER RESOURCES CONTROL BOARD**
3 **DIVISION OF DRINKING WATER**
4

5 Date: March 22, 2019
6

7 To: Salyer Heights Water Supply, Inc.
8 P.O. Box 156
9 Salyer, CA 95563
10

11 Attn: Karen Johnson, Board President
12

13 **CITATION No. 01_01_19C_006**
14 **FOR**
15 **FAILURE TO COMPLY WITH TURBIDITY PERFORMANCE STANDARDS**
16 **SURFACE WATER TREATMENT REGULATIONS**
17 **Section 64653**
18 **Title 22, California Code of Regulations**
19 **Public Water System: Salyer Heights Water Supply, Inc.**
20 **Public Water System No.: 5304502**
21

22 Section 116650 of the California Health and Safety Code authorizes the issuance of a
23 citation to a public water system for violation of the California Safe Drinking Water Act
24 (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section
25 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order
26 issued or adopted thereunder.
27

The State Water Resources Control Board (hereinafter "State Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to the Salyer Heights Water Supply, Inc.(hereinafter "Salyer Heights") for failure to comply with the combined filter effluent turbidity performance standards and turbidity monitoring requirements in the Surface Water Treatment Regulations, Sections 64653 and 64654, California Code of Regulations (CCR).

APPLICABLE AUTHORITIES

Section 64653 (Filtration), CCR states in relevant part:

(c) A supplier shall comply with the combined filter effluent turbidity performance standards in table 64653 for each treatment plant while the plant is in operation:

Table 64653

Combined Filter Effluent Turbidity Performance Standards^(a)

If a supplier uses...

The turbidity level of the combined filter effluent...

(1) Conventional or direct filtration treatment and serves 10,000 or more persons

(A) Shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month;
(B) Shall not exceed 1 NTU for more than one continuous hour;
(C) Shall not exceed 1 NTU at four-hour intervals; and
(D) Shall not exceed 1.0 NTU for more than eight consecutive hours.

(2) Conventional or direct filtration treatment and serves fewer than 10,000 persons

(A) Shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month;
(B) For a supplier using a grab sample monitoring program:
1. Shall not exceed 1 NTU; and
2. Shall not exceed 1.0 NTU in more than two consecutive samples; and

- (C) For a supplier using a continuous monitoring program:
1. If recording results at least once every 15 minutes, shall comply with paragraph (1)(B); and
 2. Shall comply with paragraphs (1)(C) and (1)(D).
- (3) Diatomaceous earth filtration
- (A) Shall be less than or equal to 0.5 NTU in at least 95 percent of the measurements taken each month;
- (B) Shall not exceed 5.0 NTU;
- (C) For a supplier using a grab sample monitoring program, shall comply with paragraph (2)(B)2; and
- (D) For a supplier using a continuous monitoring program, shall comply with paragraph (1)(D).
- (4) Slow sand filtration
- (A) Shall be less than or equal to 1.0 NTU in at least 95 percent of the measurements taken each month. Filtered water from the treatment plant may exceed 1.0 NTU, provided the filter effluent prior to disinfection meets the maximum contaminant level for total coliforms as specified in 22 CCR section 64426.1; and
- (B) Shall not exceed 5.0 NTU.
- (a) If there is only one filter at the treatment plant, the combined filter effluent turbidity performance standards shall apply to the effluent produced by the filter.

Section 64654.8 (Monitoring Requirements), CCR states in relevant part:

(b) Pursuant to the operations plan required by section 64661, a supplier shall:

(1) Monitor the raw water supply for:

(A) Turbidity at least once a day; and

(B) Total coliform and either fecal coliform or *E. coli* bacteria using density analysis at least once a month;

STATEMENT OF FACTS

Salyer Heights is classified as a community public water system serving 42 connections and operating a surface water treatment system. The surface water treatment system uses an "In-Line" filtration system and is not an approved technology. Data contained in

1 monthly turbidity monitoring report submitted by Salyer Heights shows that turbidity
2 values exceeded the combined filter effluent turbidity performance standards during
3 February 2019. Turbidity measurements were recorded 2-3 times weekly instead of the
4 required once a day as required.

5 6 DETERMINATION

7 The Division has determined that Salyer Heights is in violation of Title 22, CCR, Section
8 64653, *Filtration*, and Section 64654.8, *Monitoring Requirements*, in the *Surface Water*
9 *Treatment Regulations*, for failure to meet the combined filter effluent turbidity
10 performance standards and failure to monitor turbidity daily during February 2019.

11 12 DIRECTIVES

13 Salyer Heights is hereby directed to take the following actions:

- 14
- 15 1. Comply with Title 22, CCR, Section 64653 and Section 64654.8, in all future
16 monitoring periods.
 - 17
 - 18 2. On or before **April 21, 2019**, notify all persons served by Salyer Heights of failure
19 to meet combined filter effluent turbidity performance standards and turbidity
20 monitoring requirements in violation of Section 64653 and Section 64654.8. The
21 *Public Notification Template* is provided in Appendix 1 to this citation. The *Public*
22 *Notification Template* may be used to fulfill this directive, provided you include a
23 short description of "What happened? What was done?" and contact information
24 as noted at the bottom of the notice. The procedures for the distribution, format
25 and content of the *Public Notification* shall be in accordance with Article 18,
26 Section 64463 through Section 64465, CCR.
 - 27

3. Complete Appendix 2: Certification of Public Notification. Submit the Certification of Public Notification together with a copy of the Public Notification to the Division on or before **May 1, 2019**.

All submittals required by this citation shall be submitted to the Division of Drinking Water at the following address:

Barry Sutter, P.E.
Klamath District Engineer
State Water Resources Control Board
Drinking Water Field Operations Branch
364 Knollcrest Drive, Suite 101
Redding CA, 96002

The Division reserves the right to make such modifications to this citation as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this citation and shall be effective upon issuance.

Nothing in this Citation relieves Salyer Heights of its obligation to meet the requirements of the California Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued thereunder.

PARTIES BOUND

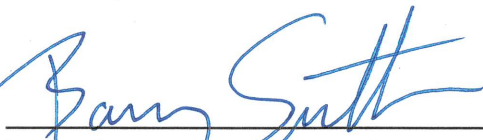
This citation shall apply to and be binding upon Salyer Heights, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

1 **SEVERABILITY**

2 The Directives of this citation are severable, and Salyer Heights shall comply with each
3 and every provision thereof notwithstanding the effectiveness of any provision.
4

5 **FURTHER ENFORCEMENT ACTION**

6 The California SDWA authorizes the Division to issue a citation or compliance order with
7 assessment of administrative penalties to a public water system for violation or continued
8 violation of the requirements of the California SDWA or any permit, regulation, permit or
9 order issued or adopted thereunder including, but not limited to, failure to correct a
10 violation identified in a citation or compliance order. The California SDWA also
11 authorizes the Division to take action to suspend or revoke a permit that has been issued
12 to a public water system if the system has violated applicable law or regulations or has
13 failed to comply with an order of the Division; and to petition the superior court to take
14 various enforcement measures against a public water system that has failed to comply
15 with an order of the Division. The Division does not waive any further enforcement action
16 by issuance of this citation or compliance order.
17

18 

19 _____
20 Barry Sutter, P.E., Klamath District Engineer
21 Division of Drinking Water
State Water Resources Control Board

March 22, 2019

Date



22 Appendices:

- 23 1. Public Notice Template
24 2. Certification of Public Notification
25

26 Certified Mail No. 7017 1450 0000 9421 5813
27

Appendix 2
Certification of Public Notification

This form when completed and returned to the State Water Resources Control Board, Division of Drinking Water (364 Knollcrest Drive, Suite 101, Redding, CA 96002 or fax to 530-224-4844), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463 - 64465.

Public Water System Name Salyer Heights Water Supply, Inc.

Public Water System No. 5304502

Public notification for the **February 2019** failure to comply with combined filter effluent turbidity performance standards and turbidity monitoring requirements was performed by the notifying consumers using the following method(s) (check and complete those that apply):

☐ The notice was mailed to users on _____
A copy of the notice is attached.

☐ The notice hand delivered to water customers on _____
A copy of the notice is attached.

One or more of the following required methods was also used to reach persons not likely to be reached by the previous method.

☐ The notice was published in the local newspaper on _____
A copy of the newspaper notice is attached.

☐ The notice was posted in the following conspicuous places:
A copy of the notice is attached.

Provide the date (or dates) that the notice was posted _____

☐ The notice was delivered to the following community organizations:
A copy of the notice is attached.

Provide the date (or dates) that the notice was delivered _____

I hereby certify that the above information is factual.

Printed Name

Signature

Date

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Salyer Heights Water Supply, Inc. Public Water System Did Not Meet the Treatment Requirements (Turbidity)

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct this situation.

We routinely monitor your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. Water samples for February 2019 showed that 58% of the 12 total turbidity measurements were over 0.3 turbidity units. The standard is that no more than 5 percent of samples may exceed 0.3 turbidity units per month. We also failed to monitor turbidity daily (28 measurements required for February).

What should you do?

You do not need to boil your water or take other corrective actions. We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.

Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. These symptoms may be caused by something other than organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1 (800) 426-4791.

If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What Happened? What Was Done?

The winter storm knocked out the power supply to the treatment filters and there is no backup generator. We were unable to treat the water for a few days and lack enough storage to supply treated water for the duration of the power outage. A boil water notice was issued until the treatment plant could resume operation.

For more information, please contact Karen Johnson
of the Salyer Heights Water Supply, Inc. public water system at 530-629-2357.

Please share this information with other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this notice in a public place or distributing copies by hand or mail.

The State Water Resources Control Board, Division of Drinking Water has issued a citation for the violation mentioned above. The citation may be viewed at the following web address:

http://www.waterboards.ca.gov/drinking_water/programs/EnforcementActionsTrinity.shtml